

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/593,384
Source: IFWP
Date Processed by STIC: 09/27/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 09/27/2006

PATENT APPLICATION: US/10/593,384

TIME: 10:25:30

Input Set : A:\N91297A WO SER SA JNM sequence listing.txt

Output Set: N:\CRF4\09272006\J593384.raw

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3 <110> APPLICANT: Isis Innovation Limited
5 <120> TITLE OF INVENTION: Diagnostic Test
7 <130> FILE REFERENCE: N.91297A SER/SA
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/593,384
C--> 10 <141> CURRENT FILING DATE: 2006-09-18
12 <150> PRIOR APPLICATION NUMBER: GB 0406271.7
13 <151> PRIOR FILING DATE: 2004-03-19
15 <160> NUMBER OF SEQ ID NOS: 31
17 <170> SOFTWARE: PatentIn version 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 729
21 <212> TYPE: PRT
22 <213> ORGANISM: Mycobacterium tuberculosis
24 <400> SEQUENCE: 1
26 Met Ser Ile Thr Arg Pro Thr Gly Ser Tyr Ala Arg Gln Met Leu Asp
27 1 5 10 15
30 Pro Gly Gly Trp Val Glu Ala Asp Glu Asp Thr Phe Tyr Asp Arg Ala
31 20 25 30
34 Gln Glu Tyr Ser Gln Val Leu Gln Arg Val Thr Asp Val Leu Asp Thr
35 35 40 45
38 Cys Arg Gln Gln Lys Gly His Val Phe Glu Gly Gly Leu Trp Ser Gly
39 50 55 60
42 Gly Ala Ala Asn Ala Ala Asn Gly Ala Leu Gly Ala Asn Ile Asn Gln
43 65 70 75 80
46 Leu Met Thr Leu Gln Asp Tyr Leu Ala Thr Val Ile Thr Trp His Arg
47 85 90 95
50 His Ile Ala Gly Leu Ile Glu Gln Ala Lys Ser Asp Ile Gly Asn Asn
51 100 105 110
54 Val Asp Gly Ala Gln Arg Glu Ile Asp Ile Leu Glu Asn Asp Pro Ser
55 115 120 125
58 Leu Asp Ala Asp Glu Arg His Thr Ala Ile Asn Ser Leu Val Thr Ala
59 130 135 140
62 Thr His Gly Ala Asn Val Ser Leu Val Ala Glu Thr Ala Glu Arg Val
63 145 150 155 160
66 Leu Glu Ser Lys Asn Trp Lys Pro Pro Lys Asn Ala Leu Glu Asp Leu
67 165 170 175
70 Leu Gln Gln Lys Ser Pro Pro Pro Pro Asp Val Pro Thr Leu Val Val
71 180 185 190
74 Pro Ser Pro Gly Thr Pro Gly Thr Pro Gly Thr Pro Ile Thr Pro Gly
75 195 200 205
78 Thr Pro Ile Thr Pro Gly Thr Pro Ile Thr Pro Ile Pro Gly Ala Pro
79 210 215 220
82 Val Thr Pro Ile Thr Pro Thr Pro Gly Thr Pro Val Thr Pro Val Thr

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83 225          230          235          240
86 Pro Gly Lys Pro Val Thr Pro Val Thr Pro Val Lys Pro Gly Thr Pro
87          245          250          255
90 Gly Glu Pro Thr Pro Ile Thr Pro Val Thr Pro Pro Val Ala Pro Ala
91          260          265          270
94 Thr Pro Ala Thr Pro Ala Thr Pro Val Thr Pro Ala Pro Ala Pro His
95          275          280          285
98 Pro Gln Pro Ala Pro Ala Pro Ala Pro Ser Pro Gly Pro Gln Pro Val
99          290          295          300
102 Thr Pro Ala Thr Pro Gly Pro Ser Gly Pro Ala Thr Pro Gly Thr Pro
103 305          310          315          320
106 Gly Gly Glu Pro Ala Pro His Val Lys Pro Ala Ala Leu Ala Glu Gln
107          325          330          335
110 Pro Gly Val Pro Gly Gln His Ala Gly Gly Gly Thr Gln Ser Gly Pro
111          340          345          350
114 Ala His Ala Asp Glu Ser Ala Ala Ser Val Thr Pro Ala Ala Ala Ser
115          355          360          365
118 Gly Val Pro Gly Ala Arg Ala Ala Ala Ala Pro Ser Gly Thr Ala
119          370          375          380
122 Val Gly Ala Gly Ala Arg Ser Ser Val Gly Thr Ala Ala Ala Ser Gly
123 385          390          395          400
126 Ala Gly Ser His Ala Ala Thr Gly Arg Ala Pro Val Ala Thr Ser Asp
127          405          410          415
130 Lys Ala Ala Ala Pro Ser Thr Arg Ala Ala Ser Ala Arg Thr Ala Pro
131          420          425          430
134 Pro Ala Arg Pro Pro Ser Thr Asp His Ile Asp Lys Pro Asp Arg Ser
135          435          440          445
138 Glu Ser Ala Asp Asp Gly Thr Pro Val Ser Met Ile Pro Val Ser Ala
139          450          455          460
142 Ala Arg Ala Ala Arg Asp Ala Ala Thr Ala Ala Ala Ser Ala Arg Gln
143 465          470          475          480
146 Arg Gly Arg Gly Asp Ala Leu Arg Leu Ala Arg Arg Ile Ala Ala Ala
147          485          490          495
150 Leu Asn Ala Ser Asp Asn Asn Ala Gly Asp Tyr Gly Phe Phe Trp Ile
151          500          505          510
154 Thr Ala Val Thr Thr Asp Gly Ser Ile Val Val Ala Asn Ser Tyr Gly
155          515          520          525
158 Leu Ala Tyr Ile Pro Asp Gly Met Glu Leu Pro Asn Lys Val Tyr Leu
159          530          535          540
162 Ala Ser Ala Asp His Ala Ile Pro Val Asp Glu Ile Ala Arg Cys Ala
163 545          550          555          560
166 Thr Tyr Pro Val Leu Ala Val Gln Ala Trp Ala Ala Phe His Asp Met
167          565          570          575
170 Thr Leu Arg Ala Val Ile Gly Thr Ala Glu Gln Leu Ala Ser Ser Asp
171          580          585          590
174 Pro Gly Val Ala Lys Ile Val Leu Glu Pro Asp Asp Ile Pro Glu Ser
175          595          600          605
178 Gly Lys Met Thr Gly Arg Ser Arg Leu Glu Val Val Asp Pro Ser Ala
179          610          615          620

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182 Ala Ala Gln Leu Ala Asp Thr Thr Asp Gln Arg Leu Leu Asp Leu Leu
183 625                630                635                640
186 Pro Pro Ala Pro Val Asp Val Asn Pro Pro Gly Asp Glu Arg His Met
187                645                650                655
190 Leu Trp Phe Glu Leu Met Lys Pro Met Thr Ser Thr Ala Thr Gly Arg
191                660                665                670
194 Glu Ala Ala His Leu Arg Ala Phe Arg Ala Tyr Ala Ala His Ser Gln
195                675                680                685
198 Glu Ile Ala Leu His Gln Ala His Thr Ala Thr Asp Ala Ala Val Gln
199                690                695                700
202 Arg Val Ala Val Ala Asp Trp Leu Tyr Trp Gln Tyr Val Thr Gly Leu
203 705                710                715                720
206 Leu Asp Arg Ala Leu Ala Ala Ala Cys
207                725
210 <210> SEQ ID NO: 2
211 <211> LENGTH: 15
212 <212> TYPE: PRT
213 <213> ORGANISM: Mycobacterium tuberculosis
215 <400> SEQUENCE: 2
217 Met Ser Ile Thr Arg Pro Thr Gly Ser Tyr Ala Arg Gln Met Leu
218 1                5                10                15
221 <210> SEQ ID NO: 3
222 <211> LENGTH: 15
223 <212> TYPE: PRT
224 <213> ORGANISM: Mycobacterium tuberculosis
226 <400> SEQUENCE: 3
228 Pro Thr Gly Ser Tyr Ala Arg Gln Met Leu Asp Pro Gly Gly Trp
229 1                5                10                15
232 <210> SEQ ID NO: 4
233 <211> LENGTH: 15
234 <212> TYPE: PRT
235 <213> ORGANISM: Mycobacterium tuberculosis
237 <400> SEQUENCE: 4
239 Ala Arg Gln Met Leu Asp Pro Gly Gly Trp Val Glu Ala Asp Glu
240 1                5                10                15
243 <210> SEQ ID NO: 5
244 <211> LENGTH: 15
245 <212> TYPE: PRT
246 <213> ORGANISM: Mycobacterium tuberculosis
248 <400> SEQUENCE: 5
250 Asp Pro Gly Gly Trp Val Glu Ala Asp Glu Asp Thr Phe Tyr Asp
251 1                5                10                15
254 <210> SEQ ID NO: 6
255 <211> LENGTH: 15
256 <212> TYPE: PRT
257 <213> ORGANISM: Mycobacterium tuberculosis
259 <400> SEQUENCE: 6
261 Val Glu Ala Asp Glu Asp Thr Phe Tyr Asp Arg Ala Gln Glu Tyr
262 1                5                10                15

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265 <210> SEQ ID NO: 7
266 <211> LENGTH: 15
267 <212> TYPE: PRT
268 <213> ORGANISM: Mycobacterium tuberculosis
270 <400> SEQUENCE: 7
272 Asp Thr Phe Tyr Asp Arg Ala Gln Glu Tyr Ser Gln Val Leu Gln
273 1          5          10          15
276 <210> SEQ ID NO: 8
277 <211> LENGTH: 15
278 <212> TYPE: PRT
279 <213> ORGANISM: Mycobacterium tuberculosis
281 <400> SEQUENCE: 8
283 Arg Ala Gln Glu Tyr Ser Gln Val Leu Gln Arg Val Thr Asp Val
284 1          5          10          15
287 <210> SEQ ID NO: 9
288 <211> LENGTH: 15
289 <212> TYPE: PRT
290 <213> ORGANISM: Mycobacterium tuberculosis
292 <400> SEQUENCE: 9
294 Ser Gln Val Leu Gln Arg Val Thr Asp Val Leu Asp Thr Cys Arg
295 1          5          10          15
298 <210> SEQ ID NO: 10
299 <211> LENGTH: 15
300 <212> TYPE: PRT
301 <213> ORGANISM: Mycobacterium tuberculosis
303 <400> SEQUENCE: 10
305 Arg Val Thr Asp Val Leu Asp Thr Cys Arg Gln Gln Lys Gly His
306 1          5          10          15
309 <210> SEQ ID NO: 11
310 <211> LENGTH: 15
311 <212> TYPE: PRT
312 <213> ORGANISM: Mycobacterium tuberculosis
314 <400> SEQUENCE: 11
316 Leu Asp Thr Cys Arg Gln Gln Lys Gly His Val Phe Glu Gly Gly
317 1          5          10          15
320 <210> SEQ ID NO: 12
321 <211> LENGTH: 15
322 <212> TYPE: PRT
323 <213> ORGANISM: Mycobacterium tuberculosis
325 <400> SEQUENCE: 12
327 Gln Gln Lys Gly His Val Phe Glu Gly Gly Leu Trp Ser Gly Gly
328 1          5          10          15
331 <210> SEQ ID NO: 13
332 <211> LENGTH: 15
333 <212> TYPE: PRT
334 <213> ORGANISM: Mycobacterium tuberculosis
336 <400> SEQUENCE: 13
338 Val Phe Glu Gly Gly Leu Trp Ser Gly Gly Ala Ala Asn Ala Ala
339 1          5          10          15

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342 <210> SEQ ID NO: 14
343 <211> LENGTH: 15
344 <212> TYPE: PRT
345 <213> ORGANISM: Mycobacterium tuberculosis
347 <400> SEQUENCE: 14
349 Leu Trp Ser Gly Gly Ala Ala Asn Ala Ala Asn Gly Ala Leu Gly
350 1          5          10          15
353 <210> SEQ ID NO: 15
354 <211> LENGTH: 15
355 <212> TYPE: PRT
356 <213> ORGANISM: Mycobacterium tuberculosis
358 <400> SEQUENCE: 15
360 Ala Ala Asn Ala Ala Asn Gly Ala Leu Gly Ala Asn Ile Asn Gln
361 1          5          10          15
364 <210> SEQ ID NO: 16
365 <211> LENGTH: 15
366 <212> TYPE: PRT
367 <213> ORGANISM: Mycobacterium tuberculosis
369 <400> SEQUENCE: 16
371 Asn Gly Ala Leu Gly Ala Asn Ile Asn Gln Leu Met Thr Leu Gln
372 1          5          10          15
375 <210> SEQ ID NO: 17
376 <211> LENGTH: 15
377 <212> TYPE: PRT
378 <213> ORGANISM: Mycobacterium tuberculosis
380 <400> SEQUENCE: 17
382 Ala Asn Ile Asn Gln Leu Met Thr Leu Gln Asp Tyr Leu Ala Thr
383 1          5          10          15
386 <210> SEQ ID NO: 18
387 <211> LENGTH: 15
388 <212> TYPE: PRT
389 <213> ORGANISM: Mycobacterium tuberculosis
391 <400> SEQUENCE: 18
393 Leu Met Thr Leu Gln Asp Tyr Leu Ala Thr Val Ile Thr Trp His
394 1          5          10          15
397 <210> SEQ ID NO: 19
398 <211> LENGTH: 95
399 <212> TYPE: PRT
400 <213> ORGANISM: Mycobacterium tuberculosis
402 <400> SEQUENCE: 19
404 Met Thr Glu Gln Gln Trp Asn Phe Ala Gly Ile Glu Ala Ala Ala Ser
405 1          5          10          15
408 Ala Ile Gln Gly Asn Val Thr Ser Ile His Ser Leu Leu Asp Glu Gly
409          20          25          30
412 Lys Gln Ser Leu Thr Lys Leu Ala Ala Ala Trp Gly Gly Ser Gly Ser
413          35          40          45
416 Glu Ala Tyr Gln Gly Val Gln Gln Lys Trp Asp Ala Thr Ala Thr Glu
417          50          55          60
420 Leu Asn Asn Ala Leu Gln Asn Leu Ala Arg Thr Ile Ser Glu Ala Gly

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VERIFICATION SUMMARY

DATE: 09/27/2006

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Input Set : A:\N91297A WO SER SA JNM sequence listing.txt

Output Set: N:\CRF4\09272006\J593384.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date